Annual Drinking Water Quality Report for 2010
South View-Wise Well
PWSID 0080041
June, 2010

We're pleased to provide you with this year's Annual Water Quality Report. We would like to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is to provide to you a safe and dependable supply of drinking water. Our water source is one well drilled to a depth of 300 feet which draws from the confined Aquia aquifer. This well is located on South View Road. It is owned by the Wise Estate and managed by the members of the SVHOA (South View Homeowners' Association).

This report shows our water quality and what it means.

A source water assessment plan has been prepared that provides more information such as potential sources of contamination. This plan is available thru the Charles County Public Library or Maryland Department of the Environment (MDE).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

If you have any questions about this report or concerning your water, please contact Robert Eppley @ (301) 259-0386. The association provides each homeowner with a report yearly on the health of the well system. An annual meeting is held each spring for the association membership at which time any problems or concerns can be brought forward for discussion. Everyone is encouraged to attend the annual meeting

South View (SVHOA) routinely monitors for contaminants in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2008. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in $10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

Action Level - The concentration of a contaminant, which, if exceeded triggers treatment and/or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

The water was analyzed for pesticides in June 2009; the results are listed in the attached table. No pesticides were detected. The < symbol indicates that levels of pesticides would be below the detection limits of the methods used to analyze the water.

TEST RESULTS						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Microbiological Contaminants						
Total Coliform Bacteria	N	< 1		0	presence of coliform bacteria in 2 monthly samples	Naturally present in the environment
Fecal coliform and *E.coli*	N	< 1		0	a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or *E. coli* positive	Human and animal fecal waste
Inorganic Contaminants						
Copper (2008) (distribution)	N	0.06	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride (2008)	N	0.28	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead (2008) (distribution)	N	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Barium (2008)	N	<0.002	ppm	2	2	Discharge of drilling wastes; discharge from metal refinerics; erosion of natural deposits
Nitrate (as Nitrogen) (2008)	N	< 1.0	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite (as Nitrogen) (2008)	N	< 0.1	ppm	1	1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Unregulated Contaminants						
Sodium (2008)	N	71	ppm	N/A	N/A	Erosion of natural deposits
pH	N	8.9	Standard units	N/A	N/A	

Note: Test results are for year 2008 or as otherwise indicated; All contaminants are not required to be tested for annually.

The water was analyzed for Arsenic, Beryllium, Cadmium, Chromium, Mercury, Nickel, Selenium, and Thallium in 2008. None of these elements were found in our water.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected. The EPA has determined that your water IS SAFE at these levels.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

MCLs are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

TEST RESUTS - PESTICIDES

Contaminant	Sample Date		Result	Units
2046 CARBOFURAN	16-JUN-09	<	1	ug/L
2066 3-HYDROXYCARBOFURAN	16-JUN-09	<	1	ug/L
2021 CARBARYL	16-JUN-09	<	1	ug/L
2050 ATRAZINE	16-JUN-09	<	.5	ug/L
2037 SIMAZINE	16-JUN-09	<	.5	ug/L
2070 DIELDRIN	16-JUN-09	<	.5	ug/L
2010 BHC-GAMMA(LINDANE)	16-JUN-09	<	.1	ug/L
2039 DI(2-ETHYLHEXYL) PHTHALATE	16-JUN-09	<	.5	ug/L
2931 1,2-DIBROMO-3-CHLOROPROPANE	16-JUN-09	<	.01	ug/L
2044 ALDICARB SULFONE	16-JUN-09	<	1	ug/L
2105 2,4-D	16-JUN-09	<	.1	ug/L
2036 OXAMYL (VYDATE)	16-JUN-09	<	1	ug/L
2111 2,4,5-T	16-JUN-09	<	.1	ug/L
2076 BUTACHLOR (MACHETE)	16-JUN-09	<	.5	ug/L
2110 2,4,5-TP (SILVEX)	16-JUN-09	<	.05	ug/L
2595 METRIBUZIN (SENCOR)	16-JUN-09	<	1.5	ug/L
2959 CHLORDANE	16-JUN-09	<	1	ug/L
2356 ALDRIN	16-JUN-09	<	.5	ug/L
2035 DI(2-ETHYLHEXYL) ADIPATE	16-JUN-09	<	1.5	ug/L
2047 ALDICARB	16-JUN-09	<	1	ug/L
2022 METHOMYL	16-JUN-09	<	1	ug/L
2005 ENDRIN	16-JUN-09	<	.5	ug/L
2440 DICAMBA	16-JUN-09	<	.05	ug/L
2031 DALAPON	16-JUN-09	<	.1	ug/L
2051 ALACHLOR (LASSO)	16-JUN-09	<	.5	ug/L
2045 METOLACHLOR	16-JUN-09	<	.5	ug/L
2077 PROPACHLOR (RAMROD)	16-JUN-09	<	.5	ug/L
2274 HEXACHLOROBENZENE (HCB)	16-JUN-09	<	.5	ug/L
2946 ETHYLENE DIBROMIDE (EDB)	16-JUN-09	<	.01	ug/L
2043 ALDICARB SULFOXIDE	16-JUN-09	<	1	ug/L
2040 PICLORAM	16-JUN-09	<	.1	ug/L
2326 PENTACHLOROPHENOL	16-JUN-09	<	.01	ug/L
2041 DINOSEB	16-JUN-09	<	.1	ug/L
2042 HEXACHLOROCYCLOPENTADIENE	16-JUN-09	<	.5	ug/L
2067 HEPTACHLOR EPOXIDE	16-JUN-09	<	.1	ug/L
2065 HEPTACHLOR	16-JUN-09	<	.2	ug/L
2015 METHOXYCHLOR	16-JUN-09	<	.5	ug/L
2306 BENZO(a)PYRENE	16-JUN-09	<	.1	ug/L
1040 NITRATE	18-NOV-09	<	1	mg/L